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Diane Schwaiger  
Diane Schwaiger

Date: August 28, 2000

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Ali Jalali, Pierre Leray, and  
Dominique Lacroix

Art Unit: Not Assigned

Application No.: 09/581,272

Examiner: Not Assigned

Filed: June 7, 2000

Docket No.: 136.147

For: *Method of Calculating the Fast Fourier Transform and the Inverse Fast  
Fourier Transform*

LETTER

Assistant Commissioner for Patents  
Box PCT  
Washington, D.C. 20231

Sir:

The Declaration which accompanies the enclosed *Transmittal Letter to the United States Designated/Elected Office (DO/EO/US) Concerning a Filing under 35 U.S.C. 371* is signed by two of the three inventors. Please note that at the present time we are unable to obtain the signature of Ali Jalali. The same difficulty was encountered during the international PCT procedure and the executed power of attorney document was filed at a later date. We expect to file a Declaration signed by Ali Jalali as soon as we receive the executed document.

Respectfully submitted,

James E. Nilles

James E. Nilles  
Registration 16,663

Dated: August 25, 2000

Nilles & Nilles, S.C.  
Firstar Center, Suite 2000  
777 East Wisconsin Avenue  
Milwaukee, WI 53202  
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Facsimile: 414-276-0982

FORM PTO-1390  
(REV 12-29-99)

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTORNEY'S DOCKET NUMBER

TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A FILING UNDER 35 U.S.C. 371

136.147

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

09/581,272

INTERNATIONAL APPLICATION NO.

PCT/FR98/02636

INTERNATIONAL FILING DATE

07 December 1998

PRIORITY DATE CLAIMED

08 December 1997

TITLE OF INVENTION METHOD OF CALCULATING THE FAST FOURIER TRANSFORM AND THE  
INVERSE FAST FOURIER TRANSFORM

APPLICANT(S) FOR DO/EO/US

Ali Jalali, Pierre Leray and Dominique Lacroix

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☐ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☒ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☐ This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1).
4. ☐ A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.
5. ☐ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
  - a. ☐ is transmitted herewith (required only if not transmitted by the International Bureau).
  - b. ☐ has been transmitted by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☐ A translation of the International Application into English (35 U.S.C. 371(c)(2)).
7. ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
  - a. ☐ are transmitted herewith (required only if not transmitted by the International Bureau).
  - b. ☐ have been transmitted by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☐ have not been made and will not be made.
8. ☐ A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. ☐ A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11. to 16. below concern document(s) or information included:

11. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☐ A **FIRST** preliminary amendment.  
☐ A **SECOND** or **SUBSEQUENT** preliminary amendment.
14. ☐ A substitute specification.
15. ☐ A change of power of attorney and/or address letter.
16. ☒ Other items or information: Letter

 Repln. Ref: 12/06/2002 KWILLIAM 0012301500  
 DAH:141080 Name/Number:09581272  
 FC: 9204 \$1366.00 CR

09/08/2000 RIMANDU 00000021 09581272

01 FC:960	970.00 OP
02 FC:154	130.00 OP
03 FC:966	396.00 OP

I hereby certify that this correspondence is being deposited  
with the U.S. Postal Service as first class mail in an envelope  
addressed to:

Commissioner of Patents and Trademarks, Washington,

D.C. 20231 on August 28, 2000

Attorney of record: James E. Nilles

Signature: *James E. Nilles*

Date of signature: August 28, 2000

Adjustment  
09/08/2000 RIMANDU 00000021 09581272

01 FC:960	-970.00 OP
03 FC:966	-396.00 OP

U.S. APPLICATION NO. (if known, see 37 CFR 1.5)  
09/581,272INTERNATIONAL APPLICATION NO.  
PCT/FR98/02636ATTORNEY'S DOCKET NUMBER  
136.14717. ☒ The following fees are submitted:**BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)) :**Neither international preliminary examination fee (37 CFR 1.482)  
nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO  
and International Search Report not prepared by the EPO or JPO ..... \$970.00International preliminary examination fee (37 CFR 1.482) not paid to  
USPTO but International Search Report prepared by the EPO or JPO ..... \$840.00International preliminary examination fee (37 CFR 1.482) not paid to USPTO but  
international search fee (37 CFR 1.445(a)(2)) paid to USPTO ..... \$690.00International preliminary examination fee paid to USPTO (37 CFR 1.482)  
but all claims did not satisfy provisions of PCT Article 33(1)-(4) ..... \$670.00International preliminary examination fee paid to USPTO (37 CFR 1.482)  
and all claims satisfied provisions of PCT Article 33(1)-(4) ..... \$96.00**ENTER APPROPRIATE BASIC FEE AMOUNT =****CALCULATIONS** PTO USE ONLY

\$ 970.00

Surcharge of \$130.00 for furnishing the oath or declaration later than ☐ 20 ☒ 30  
months from the earliest claimed priority date (37 CFR 1.492(e)).

\$ 130.00

CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE
Total claims	42 - 20 =	22	X \$18.00
Independent claims	2 - 3 =	--	X \$78.00
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$260.00

\$ 396.00

\$ --

\$ --

**TOTAL OF ABOVE CALCULATIONS =**

\$ 1496.00

Reduction of 1/2 for filing by small entity, if applicable. A Small Entity Statement  
must also be filed (Note 37 CFR 1.9, 1.27, 1.28).

\$ --

**SUBTOTAL =**

\$ 1496.00

Processing fee of \$130.00 for furnishing the English translation later than ☐ 20 ☐ 30  
months from the earliest claimed priority date (37 CFR 1.492(f)).

\$ --

+

**TOTAL NATIONAL FEE =**

\$ 1496.00

Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be  
accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property

\$ --

+

**TOTAL FEES ENCLOSED =**

\$ 1496.00

Amount to be  
refunded:  
charged:

\$

\$

a. ☒ A check in the amount of \$ 1496.00 to cover the above fees is enclosed.b. ☐ Please charge my Deposit Account No. \_\_\_\_\_ in the amount of \$ \_\_\_\_\_ to cover the above fees.  
A duplicate copy of this sheet is enclosed.c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any  
overpayment to Deposit Account No. 14-1080. A duplicate copy of this sheet is enclosed.**NOTE:** Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR  
1.137(a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

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Facsimile: 414-276-0982

SIGNATURE:

James E. Nilles

NAME

16,663

REGISTRATION NUMBER